

6/09/2004

DITCH LEGEND
RIGHT DITCH - - - - -

CONST. REV.
R/W REV.

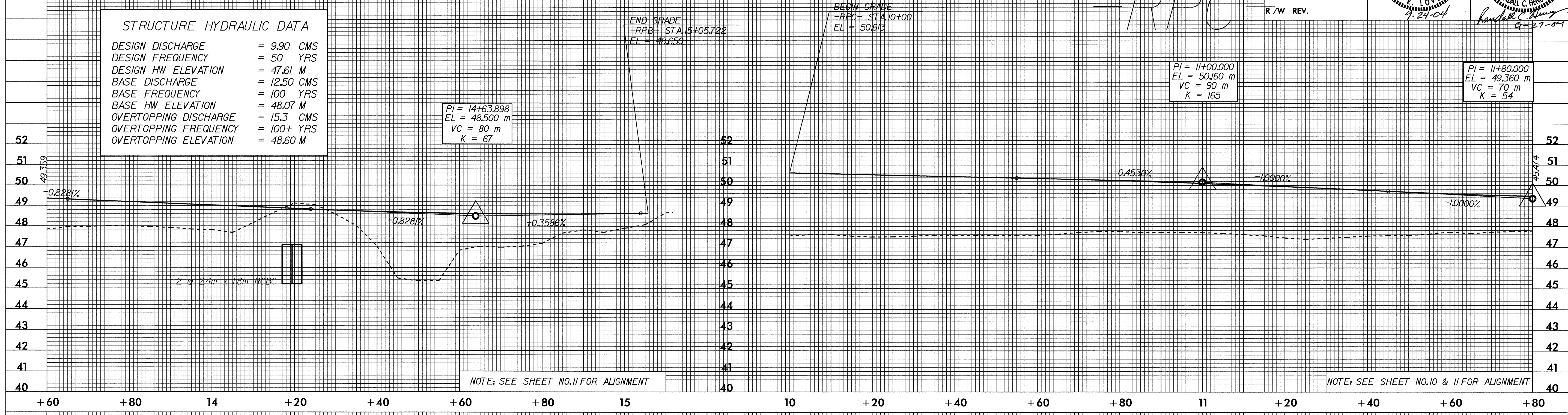
PROJECT REFERENCE NO. R-0513BA ROADWAY DESIGN ENGINEER	SHEET NO. 39 HYDRAULICS ENGINEER

STRUCTURE HYDRAULIC DATA

DESIGN DISCHARGE = 9.90 CMS
 DESIGN FREQUENCY = 50 YRS
 DESIGN HW ELEVATION = 47.61 M
 BASE DISCHARGE = 12.50 CMS
 BASE FREQUENCY = 100 YRS
 BASE HW ELEVATION = 48.07 M
 OVERTOPPING DISCHARGE = 15.3 CMS
 OVERTOPPING FREQUENCY = 100+ YRS
 OVERTOPPING ELEVATION = 48.60 M

—RPB—

—RPC—



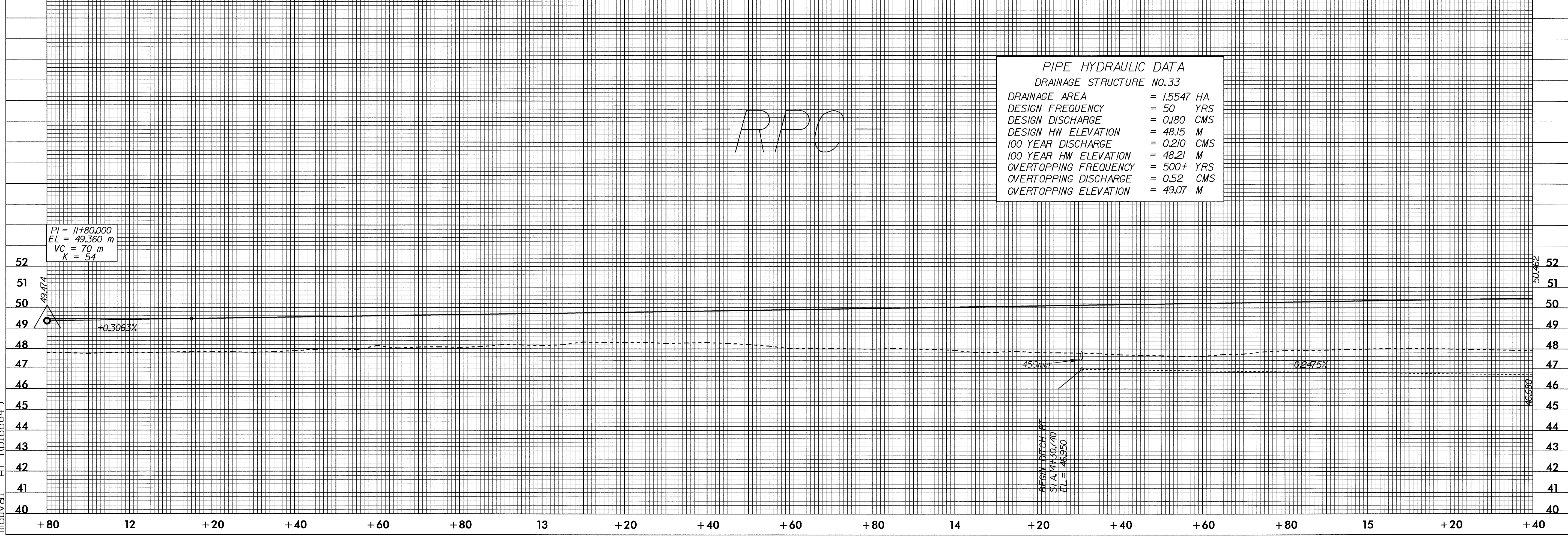
NOTE: SEE SHEET NO. 11 FOR ALIGNMENT

NOTE: SEE SHEET NO. 10 & 11 FOR ALIGNMENT

—RPC—

PIPE HYDRAULIC DATA
 DRAINAGE STRUCTURE NO. 33

DRAINAGE AREA = 1.5547 HA
 DESIGN FREQUENCY = 50 YRS
 DESIGN DISCHARGE = 0.180 CMS
 DESIGN HW ELEVATION = 48.15 M
 100 YEAR DISCHARGE = 0.210 CMS
 100 YEAR HW ELEVATION = 48.21 M
 OVERTOPPING FREQUENCY = 500+ YRS
 OVERTOPPING DISCHARGE = 0.52 CMS
 OVERTOPPING ELEVATION = 49.07 M



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